

# PATENT COOPERATION TREATY

From the  
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

NO DOCKETING REQUIRED  
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## PCT

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**RECEIVED**  
OCT 28 2002

### NOTIFICATION OF TRANSMITTAL OF INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Rule 71.1)

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN  
LOS ANGELES

Date of Mailing  
(day/month/year)

**23 OCT 2002**

Applicant's or agent's file reference  
42390.P6871PCT

#### IMPORTANT NOTIFICATION

International application No.  
PCT/US00/32241

International filing date (day/month/year)  
21 NOVEMBER 2000

Priority Date (day/month/year)  
28 DECEMBER 1999

Applicant  
INTEL CORPORATION

1. The applicant is hereby notified that this International Preliminary Examining Authority transmits herewith the international preliminary examination report and its annexes, if any, established on the international
2. A copy of the report and its annexes, if any, is being transmitted to the International Bureau for communication to all the elected Offices.
3. Where required by any of the elected Offices, the International Bureau will prepare an English translation of the report (but not of any annexes) and will transmit such translation to those Offices.
4. REMINDER

The applicant must enter the national phase before each elected Office by performing certain acts (filing translations and paying national fees) within 30 months from the priority date (or later in some Offices) (Article 39(1)) (see also the reminder sent by the International Bureau with Form PCT/IB/301).

Where a translation of the international application must be furnished to an elected Office, that translation must contain a translation of any annexes to the international preliminary examination report. It is the applicant's responsibility to prepare and furnish such translation directly to each elected Office concerned.

For further details on the applicable time limits and requirements of the elected Offices, see Volume II of the PCT Applicant's Guide.

Name and mailing address of the IPEA/US  
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Authorized officer

LARRY DONACHUE

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# PATENT COOPERATION TREATY

## PCT

### INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference 42390.P6871PCT	<b>FOR FURTHER ACTION</b> See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)	
International application No. PCT/US00/32241	International filing date (day/month/year) 21 NOVEMBER 2000	Priority date (day/month/year) 28 DECEMBER 1999
International Patent Classification (IPC) or national classification and IPC IPC(7): G06F 9/38 and US Cl.: 709/107		
Applicant INTEL CORPORATION		

1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.

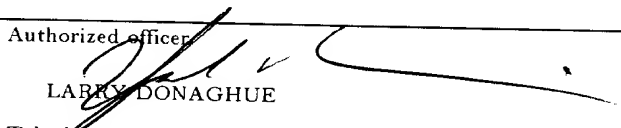
2. This REPORT consists of a total of 3 sheets.

☐ This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority. (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).

These annexes consist of a total of 0 sheets.

3. This report contains indications relating to the following items:

- I ☒ Basis of the report
- II ☐ Priority
- III ☐ Non-establishment of report with regard to novelty, inventive step or industrial applicability
- IV ☐ Lack of unity of invention
- V ☒ Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- VI ☐ Certain documents cited
- VII ☐ Certain defects in the international application
- VIII ☐ Certain observations on the international application

Date of submission of the demand  27 JUNE 2001	Date of completion of this report  26 SEPTEMBER 2002
Name and mailing address of the IPEA/US Commissioner of Patents and Trademarks Box PCT Washington, D.C. 20231	Authorized officer  LARRY DONAGHUE
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# INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/US00/32241

## I. Basis of the report

1. With regard to the **elements** of the international application:\*

- ☒ the international application as originally filed
- ☒ the description:  
 pages 1-36  
 pages NONE , as originally filed  
 pages NONE , filed with the demand  
 pages \_\_\_\_\_ , filed with the letter of \_\_\_\_\_
- ☒ the claims:  
 pages 37-41  
 pages NONE , as originally filed  
 pages NONE , as amended (together with any statement) under Article 19  
 pages NONE , filed with the demand  
 pages \_\_\_\_\_ , filed with the letter of \_\_\_\_\_
- ☒ the drawings:  
 pages 1-19  
 pages NONE , as originally filed  
 pages NONE , filed with the demand  
 pages \_\_\_\_\_ , filed with the letter of \_\_\_\_\_
- ☒ the sequence listing part of the description:  
 pages NONE  
 pages NONE , as originally filed  
 pages NONE , filed with the demand  
 pages \_\_\_\_\_ , filed with the letter of \_\_\_\_\_

2. With regard to the **language**, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.  
 These elements were available or furnished to this Authority in the following language \_\_\_\_\_ which is:

- ☐ the language of a translation furnished for the purposes of international search (under Rule 23.1(b)).
- ☐ the language of publication of the international application (under Rule 48.3(b)).
- ☐ the language of the translation furnished for the purposes of international preliminary examination (under Rules 55.2 and/or 55.3).

3. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:

- ☐ contained in the international application in printed form.
- ☐ filed together with the international application in computer readable form.
- ☐ furnished subsequently to this Authority in written form.
- ☐ furnished subsequently to this Authority in computer readable form.
- ☐ The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
- ☐ The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

4. ☒ The amendments have resulted in the cancellation of:

- ☒ the description, pages NONE
- ☒ the claims, Nos. NONE
- ☒ the drawings, sheets/fig NONE

5. ☐ This report has been drawn as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).\*\*

\* Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17).

\*\*Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.

## INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/US00/32241

**V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement****1. statement**

Novelty (N)

Claims	<u>5-6, 10-22</u>	YES
Claims	<u>1-4, 7-9, 23-28</u>	NO

Inventive Step (IS)

Claims	<u>5-6, 10-22</u>	YES
Claims	<u>1-4, 7-9, 23-28</u>	NO

Industrial Applicability (IA)

Claims	<u>1-28</u>	YES
Claims	<u>NONE</u>	NO

**2. citations and explanations (Rule 70.7)**

Claims 1-4, 7-9, 24,26,27 lack novelty under PCT Article 33(2) as being anticipated by Duxbury et al. (EP 352,935).

Duxbury et al. taught the invention as claimed including partitioning a resource and allocating a portion to each resource, sizing and marking the portion, and the portion based on priority and specifying the boundaries (col. 2, line 18- col. 3, line 33). Further Duxbury et al. taught the use of pointers to stall the threaded if insufficient resources are available.

Claims 1 and 23-28 lack novelty under PCT Article 33(2) as being anticipated by Bartley et al. (EP 962,856).

Bartley et al. taught the invention as claimed including partitioning a resource and allocating a portion to each resource, and determining if the processor is operating in single thread or multithread mode (abstract, fig. 1)

----- NEW CITATIONS -----  
NONE